

# Material Safety Data Sheet

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Issue date: November 2005

## NATURAL II POWDER

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** NATURAL II POWDER

**Manufacturer's Product Code:** C042-II

**Use:** Carpet cleaning product.

**CHEM-DRYÆ AUSTRALIA**

**P B Mitchell Pty Ltd**

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### 2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO ASCC/NOHSC/EU CRITERIA

**Hazard Category:** Irritant (Xi)

**Hazard Classification:** HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

#### RISK PHRASES

R41 Risk of serious damage to eyes.

R37/38 Irritating to respiratory system and skin.

#### SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S36 Wear suitable protective clothing.

#### Road Transport

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Poison Schedule:** None allocated [Aust].

#### Warning Statement:

Will cause severe eye irritation. Will cause irritation to the respiratory system and skin.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
ALKYL CARBOXYLIC ACID	60 to 100 %	Proprietary

All other ingredients not hazardous according to ASCC/NOHSC/EU Criteria.

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### 4. FIRST AID MEASURES

**Swallowed:**

If swallowed, **DO NOT** induce vomiting. If conscious, give 1 to 2 glasses of water to drink. If irritation persists transport to hospital or doctor.

**Eye:**

If dust enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, immediately transport to hospital or doctor.

**Skin:**

If dust falls onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

**Inhaled:**

Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

**First Aid Facilities:**

Eye wash fountain, safety shower and normal wash room facilities.

**Advice to Doctor:**

Treat symptomatically.

**In case of poisoning, contact Poisons Information Centre**

**In Australia call Tel: 131126**

**In New Zealand Tel: 034747000**

### 5. FIRE-FIGHTING MEASURES

**Fire/Explosion Hazard**

If safe to do so, move undamaged containers from fire area.

**Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding fire situation.

**Hazards From Combustion Products:** Primary decomposition products include oxides of carbon, and small quantities of noxious smoke.

**Precautions for Fire Fighters and Special Protective Equipment:** Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

**HAZCHEM CODE:** None allocated [Aust]

**FLAMMABILITY**

This material is not a combustible or flammable solid.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:**

Avoid generating dusts. Do not get material in eyes. Wear protective equipment including gloves and glasses/goggles. Low hazard product, use common sense in handling situation.

**Methods and Materials for Containment and Clean Up Procedures:**

This product is a heavy powder. If safe to do so, wet area to prevent high dust levels. Wear suitable protective equipment. Shovel up any spill or if available, use dustless methods, such as a HEPA vacuum and filter. Place waste into suitably labelled container for disposal. **DO NOT DRY SWEEP.**

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### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Avoid getting dust in eyes. Provide adequate ventilation. For further information please refer to the Engineering Controls of this MSDS.

**Conditions for Safe Storage:**

Keep containers tightly closed, when not using the product. Store in original packages as approved by manufacturer. Store in original packages as approved by manufacturer\*.

\* For further information please contact your Local Chem-Dry representative.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards**

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

**ALKYL CARBOXYLIC ACID**

[NOHSC]

[TWA]10 mg/m<sup>3</sup>

For dusts not otherwise specified.

**Engineering Controls**

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

**Personal Protection Equipment**

**GLOVES:** Neoprene rubber.

**EYES:** Chemical goggles or spectacles with side shields to protect eyes.

**RESPIRATORY PROTECTION:** Avoid breathing of dusts. The use of a respirator is not normally required, however, if high dust levels are present, then the use of a suitable dust mask or half-face respirator with a P1 filter is recommended. All respirators must comply with AS/NZS 1715 and AS/NZS 1716.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White crystalline powder with no odour.
<b>Boiling Point:</b>	Not available.
<b>Vapour Pressure:</b>	Not available.
<b>Specific Gravity:</b>	Not available.
<b>Flash Point:</b>	Not applicable.
<b>Flammability Limits:</b>	Not applicable.
<b>Solubility in Water:</b>	Completely soluble

**Other Properties**

**pH:** 6 - 7 (2.6 % solution)

### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:**

Stable under normal conditions of use.

**CONDITIONS TO AVOID:**

High temperatures leading to decomposition and mixing with incompatibles.

**INCOMPATIBLE MATERIALS:**

Strong oxidizing agents.

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### 10. STABILITY AND REACTIVITY (Continued)

#### **HAZARDOUS DECOMPOSITION PRODUCTS:**

Decomposes on heating emitting oxides of carbon and noxious smoke.

#### **HAZARDOUS REACTIONS:**

Will not occur.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

#### **ACUTE HEALTH EFFECTS:**

##### **Swallowed:**

Swallowing large quantities may cause irritation, which may lead to nausea, vomiting and diarrhoea.

##### **Eye:**

Will cause severe irritation to the eyes with effects including: tearing, pain, corneal opacity and blurred vision.

##### **Skin:**

Will cause skin irritation, seen as redness and swelling. In the presence of moisture or sweat, irritation may become more severe leading to rash.

##### **Inhaled:**

Will cause irritation to the nose, throat and respiratory system. Symptoms may include coughing, chest pain and shortness of breath. Repeated and prolonged exposure may cause nose ulcers

##### **Chronic:**

Prolonged or repeated skin contact may lead to dermatitis in some susceptible individuals. Prolonged contact may cause permanent eye damage.

There is no toxicological information available for this product, however, for the ingredients:

#### **Alkyl carboxylic acid:**

Oral LD50(rat) 4,090 mg/kg

Dermal LD50(rabbit): 500 mg (moderate skin irritation).

### 12. ECOLOGICAL INFORMATION

There is no specific environmental information for this product, however, the alkyl carboxylic acid ingredient:

LC50 100H (Goldfish): > 625 mg/l

LC50 96 Hr (Daphnia Magna): 265 - 565 mg/L

### 13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor or at an approved landfill site.

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### 14. TRANSPORT INFORMATION

#### Road Transport

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** Irritant (Xi)

#### Air Transport

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** Irritant (Xi)

#### Sea Transport

**UN Number:** None allocated

**Proper Shipping Name:** NONE ALLOCATED

**Dangerous Goods Class:** None allocated

**Packing Group:** None allocated

**Label:** Irritant (Xi)

### 15. REGULATORY INFORMATION

**Poison Schedule:** None allocated [Aust]

#### Inventory Status:

<i>Inventory</i>	<i>Status</i>
Australia (AICS)	Y
United States (TSCA)	Y
Europe (EINECS/ELINCS)	Y

Y = all ingredients are on the inventory.

### 16. OTHER INFORMATION

#### Date of Preparation:

**Issue date:** October 19, 2005

**Supersedes:** December 25, 2001

#### Reasons for Update:

1. Alignment with the 2<sup>nd</sup> Edition of National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2001(2003).
2. Changes and /or addition made to all sections.

#### Key Legend Information:

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

ASCC - Australian Safety and Compensation Council [Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997) [Aust]

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

TSCA - Toxic Substances Control Act [US]

OSHA - Occupational Safety and Health Administration [US]

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### 16. OTHER INFORMATION (Continued)

AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]

AS/NZS 1716 - Respiratory protective devices. [Aust/NZ]

Hazchem Code - Fire fighters designation [Aust]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]

EINECS - European Inventory of Existing Commercial Chemical Substances. [Int]

ELINCS - European List of Notified Chemical Substances. [Int]

EU - European Union [Int]

**EU Directives:** The classification criteria used, are adopted from the European Community's (EC) legislation for classifying dangerous substances. The criteria are taken from:

EC Council Directive 67/548/EEC

EC Council Directive 1999/45/EC

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

#### **Principal References:**

Information supplied by manufacturer, reference sources including the public domain.

#### **Disclaimer**

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used. Responsibilities of the supplier associated with this product are outlined in our standard terms and conditions, a copy of which is sent to customers and is available on request.

**END OF MSDS**